



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bryan *et al.*

Serial No. 09/808,898

Filed: March 15, 2001

For: **RENILLA RENIFORMIS FLUORESCENT PROTEINS AND THE USE THEREOF IN DIAGNOSTICS, HIGH THROUGHPUT SCREENING AND NOVELTY ITEMS**

Art Unit: Unassigned

Examiner: Unassigned

Pre Amt
#13/A
DT
19-02

I hereby certify that this paper and the attached papers are being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents
Washington, D.C. 20231, on this date.

05/23/01
Date

Kelly Fischer
Kelly Fischer

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Preliminary to examination of the above-captioned patent application, please amend the application as follows:

IN THE SPECIFICATION:

Please amend the specification as follows (a marked-up copy of the amended specification is attached to this Amendment):

Please replace the paragraph on page 2, lines 8-24, with the following paragraph.

BACKGROUND OF THE INVENTION

Luminescence is a phenomenon in which energy is specifically channeled to a molecule to produce an excited state. Return to a lower energy state is accompanied by release of a photon ($h\nu$). Luminescence includes fluorescence, phosphorescence, chemiluminescence and bioluminescence. Bioluminescence is the process by which living organisms emit light that is visible to other organisms. Luminescence may be represented as follows:

